

DPA 518



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SECTION I	
MANUFACTURER'S NAME Shell Chemical Company	EMERGENCY TELEPHONE NO. 713-473-9461
ADDRESS (Number, Street, City, State, and ZIP Code) One Shell Plaza, P. O. Box 2463, Houston, Texas 77001	
CHEMICAL NAME AND SYNONYMS	TRADE NAME SHELL SOL 360-EC
CHEMICAL FAMILY Hydrocarbon	FORMULA

[illegible]

SECTION III PHYSICAL DATA			
BOILING POINT (°F)	318-344	SPECIFIC GRAVITY (H ₂ O=1) @ 60°F	0.760
VAPOR PRESSURE (mmHg) 100°F	3.9	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	4.5	EVAPORATION RATE (n-BuAc = 1)	0.15
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR			
Water white liquid			

SECTION IV FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (Method used)		FLAMMABLE LIMITS		
105°	TCC		Lel	Uel
			1.0	6.0
EXTINGUISHING MEDIA Exclude air- use foam, CO ₂ , dry chemicals				
SPECIAL FIRE FIGHTING PROCEDURES Do not use water except as a fog.				
UNUSUAL FIRE AND EXPLOSION HAZARDS				
Treat as a combustible liquid				

SECTION V HEALTH HAZARD DATA

DIMSIS

THRESHOLD LIMIT VALUE
125 ppm (calculated)EFFECTS OF OVEREXPOSURE
Anesthesia - headache, nausea, dizziness, etc. Liquid mildly to moderately irritating to skin and eyes.EMERGENCY AND FIRST AID PROCEDURES
Remove victim and restore breathing if required. Remove from skin with soap and water. Flush eyes with water for at least 15 minutes.

SECTION VI REACTIVITY DATA

STABILITY
UNSTABLE
COND. TIONS TO AVO. D
Open flames and sparksSTABLE
XINCOMPATIBILITY (Materials to avoid)
Not applicableHAZARDOUS DECOMPOSITION PRODUCTS
CO, CO₂ when combustedHAZARDOUS
POLYMERIZATION

MAY OCCUR

COND. TIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid open flame or spark sources. Provide adequate ventilation.

WASTE DISPOSAL METHOD

Evaporate or flush with water to an open, well-ventilated area. Use oil sewer if available. Remove to container.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
Organic canister mask or air pack as required

VENTILATION

LOCAL EXHAUST

Desirable

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Normally not required

EYE PROTECTION

Conventional eye cover to guard against unexpected splashing

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid open flames and spark sources. Avoid splash filling. Provide adequate ventilation. Avoid excessive heat.

OTHER PRECAUTIONS

NAME
D. M. SheetsTITLE
Supervisor - Reg. Aff. - Chem. Prods.COMPANY
Shell Chemical CompanySIGNATURE
DMSheetsDATE
June 1974

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